

Date: Thursday, 1/17/2008 3:25:44 PM
 User: Kim Johnston

Process Sheet

Customer	CU-DAR001 Dart Helicopters Services			Drawing Name	CLAMP		
Job Number	36826			Part Number	D2947		
Estimate Number	10623			Drawing Number	D2947 REV A1		
P.O. Number				Project Number	N/A		
This Issue	1/17/2008	S.O. No.		Drawing Revision	A1		
Prsh Rev.	NC			Material			
First Issue	/ /	Type	PURCHASED PARTS	Due Date	2/20/2008	Qty:	200
Previous Run	32859			Um:	Each		
Written By	<u>JHs 0118</u>						
Checked & Approved By							
Comment	Est: A 00.01.14 New issue EC Est Rev:B No longer made in house 07-06-11 JLM						

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
1.0	PG	PURCHASING
Comment: Issue P/O: <u>5485</u> <u>C 08/01/18</u> E-mail or Ship DXF file to vendor Laser cut flat pattern as per Dwg D2947 Possible supplier: GFI Material realease note is required.		
2.0	PACKAGING 1	PACKAGING RESOURCE #1
Comment: PACKAGING RESOURCE #1 Receive & Inspect For Transit Damage Ensure material certification is attached		
3.0	QC6	DIMENSIONAL CHECK
Comment: DIMENSIONAL CHECK <u>ASP 019</u> <u>108/02/19</u> <u>X 200</u>		
4.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
Comment: SMALL & MEDIUM FAB RESOURCE 1 1- Deburr any rough edges		
5.0	QC5	INSPECT WORK TO CURRENT STEP
Comment: INSPECT WORK TO CURRENT STEP <u>M4 S 08/03/05</u> <u>8 08/03/05</u>		

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: Date: 09/03/06
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CLAMP

Job Number: 36826

Part Number: D2947

Job Number:



Seq. #: Machine Or Operation:

Description :

6.0 SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Tumble

EBo8/03/05

(200)

7.0 PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: *460*

8/3/05 SP

200X

8.0 QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

ND 03/06

Job Completion



ms met 03/05

QSP019

8/03/05 (200)

2008/3/05

200

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

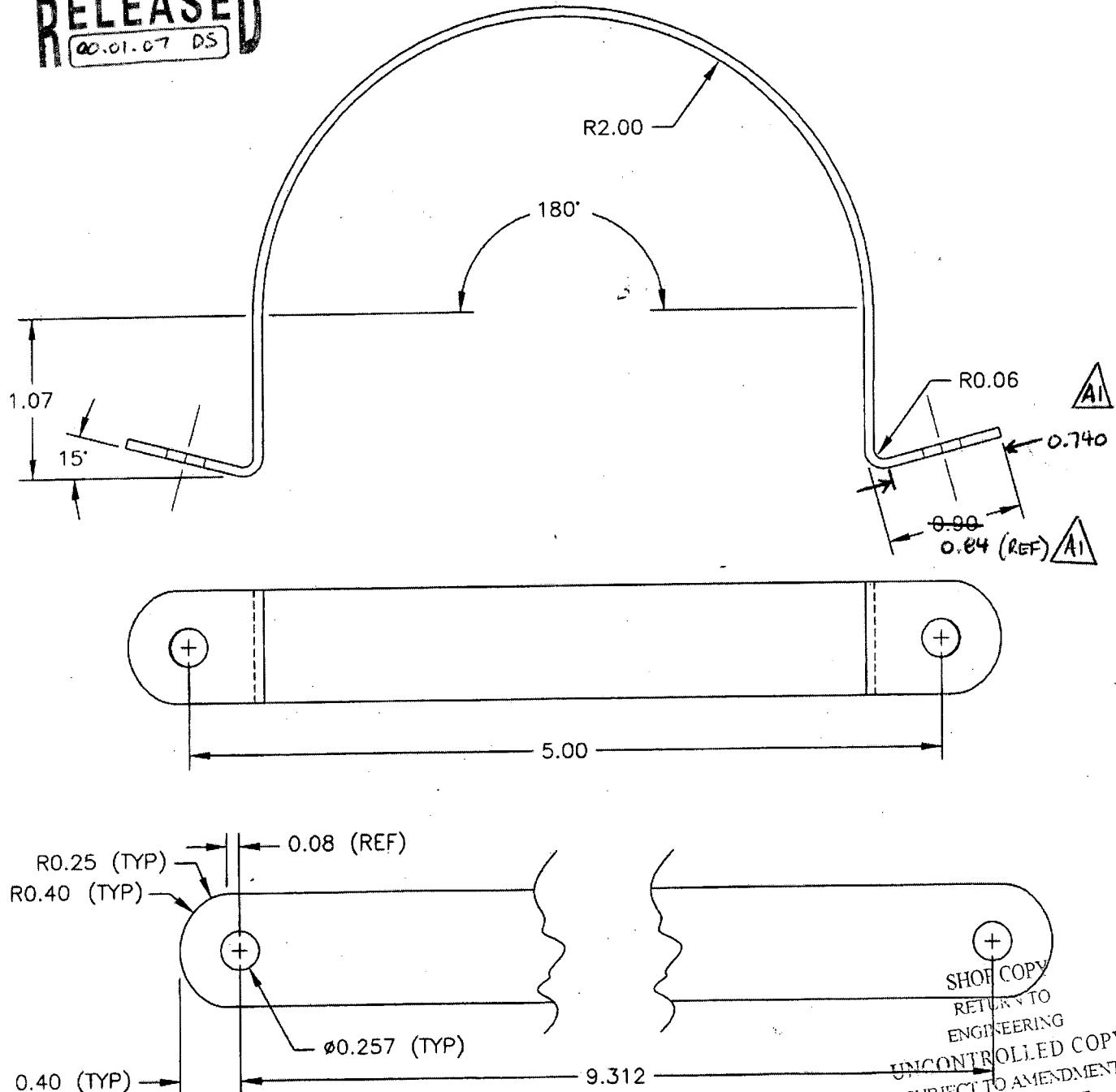
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2947	REV. A SHEET 1 OF 1
DATE 00.01.06		TITLE CLAMP	SCALE 1:1
A	00.01.06	NEW ISSUE	

RELEASED
00.01.07 DSD2947 FLAT PATTERN

MATERIAL: AISI 304/316 SS 0.063 THICK x 0.75 WIDE

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED NO. 3682B

ALL DIMENSIONS ARE IN INCHES

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

A1 01.09.07 Add 0.740 Dimension; 0.84 width 0.90



180 AVENUE LABROSSE
POINTE-CLAIRE, QUÉ., CANADA H9R 1A1
TÉL.: (514) 630-4877 - FAX: (514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.

VENDU À / SOLD TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON, K6A 1K7



BON DE LIVRAISON - SHIPPING MEMO

DATE DE LIVRAISON SHIPPING DATE	N° BON DE LIVRAISON SHIPPING MEMO NO.
2008/02/13	0385643

EXPÉDIÉ À / SHIPPED TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON, K6A 1K7

CODE DE CLIENT CUSTOMER CODE	N° DE CONTRAT JOB NO.	N° COMMANDE PO NO.	VIA SHIP VIA
DART GFI-0299	J0175247	PO00005485	
QUANTITÉ QUANTITY	VOTRE N° DE PIÈCE YOUR PART NO.	DESCRIPTION	
200	D2947	CLAMP CERTIFICATE OF CONFORMANCE REQ <i>C</i>	

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

CERTIFICATE OF COMPLIANCE

CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. **7** OUR JOB NO **J0175247** SHIPPING MEMO **0385643**

ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
200 PCS	PO00005485	D2947	A	CLAMP	A	
MATERIAL	SUPPLIED BY	MAT. REL. NO.				
SST 304 / 316	TW METALS / NORTH AMERICAN	H/N# 2MW9				

	PROCESS	PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ON FILE	GFI	CONFORMS
2			
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE **15 FEBRUARY 2008**

G.F.I. Q.C. REP.



859-07

DP12-D01 REV 0 Bombardier Certificate of Compliance
TW Metals District Procedure

Revision: 0

Revision Date: 04-03-00

Superseding: Initial

Page: 1 of 1

CERTIFICATE OF COMPLIANCE

FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal statutes including federal law, Title 18 chapter 47.

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

MERCURY FREE STATEMENT

We certify that mercury, radium, or alpha bearing instruments and / or equipment which might cause contamination have not been used in the manufacture, fabrication, assembly or testing of any material supplied by TW Metals Inc. Switches, glass thermometers, standard cell and other items containing the above elements may be used, but they will be located so as not to constitute a contamination hazard.

CUSTOMER NAME GFI

PURCHASE ORDER No. DO572661

ITEM No. 0001 SHIPPER INVOICE No. 03227600

MATERIAL 304-2B SPECIFICATION ASTM A262

MANUFACTURING MILL North American Stainless

SIZE .062 HEAT / LOT No. 2MW9

PART NO. T506348K964A QUANTITY: 3 EA.

TEST DEPARTMENT CLERK Jane Clark

AUTHORITY

Joe Schab
Director of Quality Assurance

AS NORTH AMERICAN
STAINLESS

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Authorized Signature
B. S. S.
Brad Sattler

FERGUSON METALS, INC.
This is to certify that in accordance with the
records in our files the material shipped on you
purchase order contains the following:
Hamilton, OH 45011
3475 Symmes Road

Certificate: 366147 02 Mail To:
FERGUSON METALS INC.
3475 SYMMES ROAD
HAMILTON, OH 45011

Customer: 0018 001

Mail To:
FERGUSON METALS INC.
3475 SYMMES ROAD
HAMILTON, OH 45011

Date: 7/11/2007 Page: 1

Steel: 302/304/304L

Finish: 2B

Correction: ASTM A262/02aE, 1E05end-OK

Yours Order: 01010133

IRS Order: RM 0973673 01

PRODUCT DESCRIPTION

STAINLESS STEEL COIL, COLD ROLLED, ANNEALED AND PICKLED.
AISI#260/060, 430/060, 666/03, AMS/SA240/04-A03, 430/04-A03, SA566/04
QQ5760D-ANNG PRM, AMS5511B/5513B/5516P, A001, X CROWN MEAS

REMARKS:

Mat'l Free of Mercury Contamination. No weld repairs.
EN 10204 3.1; QQ5763/ Cond A; RoHS Compliant
* Melted & Manufactured in the USA

Product ID #	Coil #	Thickness	Width	Weight	Length	Mark	Pieces	COMMODITY CODE
022MW9 A	* 022MW9 A	.0620	36.0000	26,700 COIL	2778.9	11	1	

CHEMICAL ANALYSIS GM(Country of Mtl) ES(Spain) US(United States) ZA(South Africa)

Element	GM	C	CR	CU	Ni	Mo	N	NI	P	S	Si
2MW9	US	.025	18.329	.298	1.032	.311	.072	8.113	.026	< .001	.332

TIN METALS

SEP 14 2007

REPORT

ACCEPTED BY

MECHANICAL PROPERTIES

Product ID #	Coil #	I d	UTS	YS	ELONG	Hard	Hard	Grain
		in	KSI	ksi	%-2"	RB	RB	No.
		c	x					
022MW9 A	022MW9	F T	95.50	48.52	48.03	86.50	82.50	8.000

REVIEWED BY Q.C.

Date: 7/11/07 by *[Signature]*

Size: 304/1ANN .060-.064 AMS5513
Customer: TW METALS INC.
Heat: 2MW9
Shipped: 09/04/07 10647

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

QC ENGINEER

E. H. H.

ERIC HESS

7/11/2007